[c2]

Claims

[c1] An isolated nucleic acid having at least 80% nucleic acid sequence identity to: (a)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94);

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide:

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEO ID NO:94):

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.

The isolated nucleic acid of Claim 1 having at least 85% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94):

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEO ID NO:94):

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.

[c3] The isolated nucleic acid of Claim 1 having at least 90% nucleic acid sequence identity to:

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(a)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94):

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEO ID NO:94):

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.

The isolated nucleic acid of Claim 1 having at least 95% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94);

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEO ID NO:94):

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.

[CS] The isolated nucleic acid of Claim 1 having at least 99% nucleic acid sequence identity to:

(a)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94):

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[c6]

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94);

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.

An isolated nucleic acid comprising:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94):

(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEO ID NO:94):

(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;

(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);

(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or

(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.

- [c7] The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94).
- [c8] The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide.
- [c9] The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence

		encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94).
	[c10]	The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide.
	[c11]	The isolated nucleic acid of Claim 6 comprising the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93).
	[c12]	The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93).
	[c13]	The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.
100	[c14]	An isolated nucleic acid that hybridizes to:
the time that and much find that		(a)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94);
		(b)a nucleic acid sequence encoding the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;
State was		(c)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94);
		(d)a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 94 (SEQ ID NO:94), lacking its associated signal peptide;
		(e)the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93);
		(f)the full-length coding sequence of the nucleic acid sequence shown in Figure 93 (SEQ ID NO:93); or
		(g)the full-length coding sequence of the cDNA deposited under ATCC accession number 203229.
	[c15]	The isolated nucleic acid of Claim 14, wherein said hybridization occurs under stringent conditions.
	[c16]	The isolated nucleic acid of Claim 14 which is at least 10 nucleotides in length.

A vector comprising the nucleic acid of Claim 1.

[c17]

[c18] The vector of Claim 17, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

[c19] A host cell comprising the vector of Claim 17.

[c20] The host cell of Claim 19, wherein said cell is a CHO cell, an *E. coli* or a yeast

cell.

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